

# Work Order ID 61816

Tuesday, September 07, 2010 12:44:33 PM



Page 1

|                |            |            |       |       |       |  |
|----------------|------------|------------|-------|-------|-------|--|
| Item ID:       | D4105-1    | Accept     |       | Setup | Start |  |
| Revision ID:   |            |            |       |       |       |  |
| Item Name:     | Strap      |            |       |       | Stop  |  |
| Start Date:    | 9/7/2010   | Start Qty: | 25.00 |       |       |  |
| Required Date: | 10/13/2010 | Req'd Qty: | 25.00 |       |       |  |
| Reference:     |            |            |       |       |       |  |
|                |            |            |       |       |       |  |

|            |               |           |       |                |            |  |       |  |     |       |  |
|------------|---------------|-----------|-------|----------------|------------|--|-------|--|-----|-------|--|
| Approvals: | Process Plan: | <u>CL</u> | Date: | <u>10/9/17</u> | Tooling:   |  | Date: |  | Run | Start |  |
|            | QC:           |           | Date: |                | SPC (Y/N): |  | Date: |  |     | Stop  |  |

| Sequence ID/<br>Work Center ID | Operation<br>Description                   | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|--|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| <b>Draw Nbr</b>                | <b>Revision Nbr</b>                        |                      |         |        |              |               |               |                  |                |
| D4105                          | <u>AB CL1019124</u>                        |                      |         |        |              |               |               |                  |                |
| 100                            |  | 0.00                 |         |        |              |               |               |                  |                |
|                                | PURCHASING                                 |                      |         |        |              |               |               |                  |                |
| Purchasing                     | <b>Memo</b>                                | 0.00                 |         |        |              |               |               |                  |                |
| Purchasing                     | Issue P/O: <u>12523</u>                    |                      |         |        |              |               |               |                  |                |
|                                | Manufacture as per dwg D4105               |                      |         |        |              |               |               |                  |                |
|                                | Possible Supplier: Tulmar                  |                      |         |        |              |               |               |                  |                |
|                                | Material release note is required.         |                      |         |        |              |               |               |                  |                |
| 110                            |  | 0.00                 |         |        |              |               |               |                  |                |
|                                | Receive & Inspect for Damage & Mat'l Certs |                      |         |        |              |               |               |                  |                |
| Packaging                      | <b>Memo</b>                                | 0.00                 |         |        |              |               |               |                  |                |
| Packaging                      | Ensure Material release note is required.  |                      |         |        |              |               |               |                  |                |
| 120                            |  | 0.00                 |         |        |              |               |               |                  |                |
|                                | QC6- Inspect dimensions to drawing         |                      |         |        |              |               |               |                  |                |
| QC                             | <b>Memo</b>                                | 0.00                 |         |        |              |               |               |                  |                |
| Quality Control                |  |                      |         |        |              |               |               |                  |                |

CL 10/9/17 25

CL 10/9/30 (25)

810/10/01

count  
x25

Dart Aerospace Ltd

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

**Work Order ID 61816**

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Item ID: D4105-1

Accept

Setup Start

Revision ID:

Stop

Item Name: Strap

Start Date: 9/7/2010 Start Qty: 25.00

Cust Item ID:

Required Date: 10/13/2010 Req'd Qty: 25.00

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

Identify as per dwg & Stock Location: DB

0.00



Packaging

Memo

0.00

Packaging

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/10/10  
MF  
10-10-01

Dart Aerospace Ltd

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

# Picklist Print

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Work Order ID: 61816



Parent Item: D4105-1



Parent Item Name: Strap



Start Date: 9/7/2010

Required Date: 10/13/2010

Start Qty: 25.00

Required Qty: 25.00

Comments: IPP Rev:A 10.09.07 new issue DD verf:JLM

| Component Item ID/<br>Item Name  | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit  | Total<br>Qty | Qty<br>Issued | Date<br>Issued | Status |
|--|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|--|--------------|---------------|----------------|--------|
| D4105-1P<br><br>Strap |                        | Purchased     | No          |                     |                  | 110             | Each               | 0.0000         | 1<br> | 25           |               | 09/09/30 (25)  |        |

Dart Aerospace Ltd

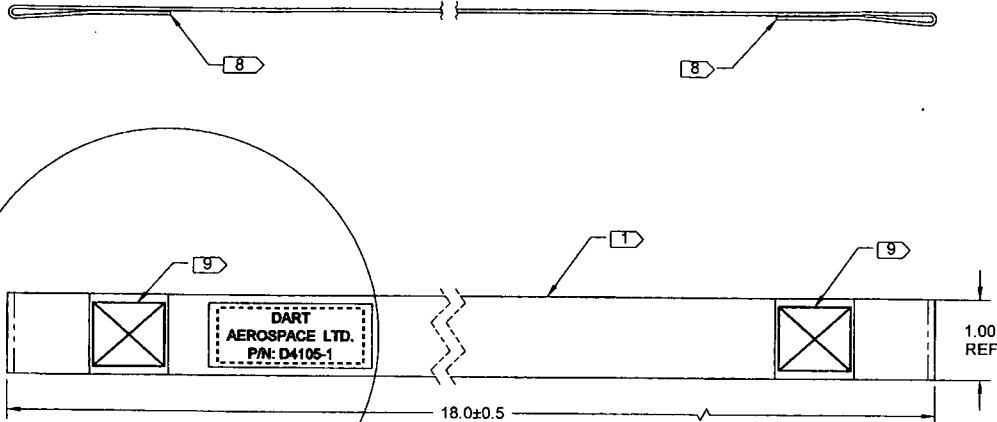
| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

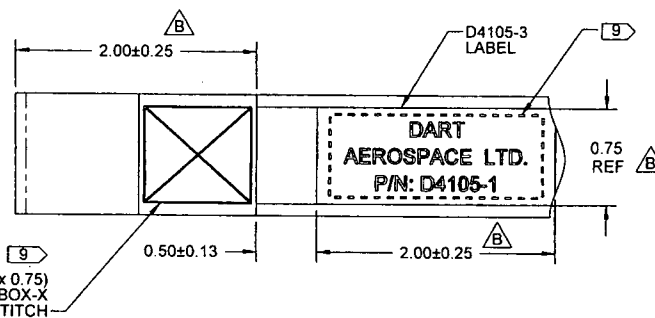
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

NOTE: Date & initial all entries



B2-1  
SEE DETAIL A



DETAIL A B6-1  
SCALE X1.5

RELEASED  
2010-09-23

# D4105-1 STRAP

CD 10/9/12  
W10.61816

B

## D4105-3 NOTES:

- 1) MATERIAL: WHITE TYVEK OR WHITE POLYESTER WHICH MEETS FMVSS 302
- 2) USE 1/8 BLACK LETTERING
- 3) CENTER ON BELT WIDTH

B

## D4105-1 NOTES:

- 1) MATERIAL: NYLON, MIL-W-4088, TYPE XVII, CLASS 1, COLOR BLACK, 37030 PER FED-STD-595
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: ID LABEL
- 7) WEIGHT: 0.04 lbs
- 8) HOT CUT WEBBING ENDS TO PREVENT FRAYING
- 9) STITCHING TO BE PER ASTM D6193, TYPE 301, 8-10 STITCHES PER INCH, MIN (1/2") BACK STITCH, (1/8") FROM EDGE USING THREAD NYLON V-T-295 TYPE II, CLASS A, SIZE F COLOR BLACK

| B          | REVISE NOTES FOR D4105-1/3 (ZN A8-1, B8-1, B4-1);<br>REVISE DIMENSIONS (ZN B1-1, B2-1, B3-1) | RF  | 10.09.13     |
|------------|--|---|--------------|
| A          | NEW ISSUE  | RF  | 10.05.06     |
| REV.       | DESCRIPTION  | BY  | DATE         |
| DESIGN     | RF   | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA  |              |
| DRAWN      | RF   |   |              |
| CHECKED    | RF   | DRAWING NO.   | REV. B       |
| MFG. APPR. | RF   | D4105   | SHEET 1 OF 1 |
| APPROVED   | RF   | TITLE   | SCALE        |
| DE APPR.   | RF   | STRAP   | NTS          |
| DATE       | 10.09.13   | COPYRIGHT © 2010 BY DART AEROSPACE LTD.<br>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD. |              |



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

\*\*\*PO REPRINT\*\*\*

Purchase Order ID PO12523

Purchase Order Date 9/07/10

PO Print Date 9/13/10

Page Number 1 of 1

Order From :

VC-TUL001

TULMAR SAFETY SYSTEMS  
1123 CAMERON ST  
HAWKESBURY, ON K6A 2B8  
CA

REVISED

Contact Name

Vendor Phone

613 632 1282

Vendor Fax

613 632 2030

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

| Line Nbr  | Reference<br>Revision ID<br>Vendor Part Number | Description/<br>Mfg ID   | Req Date/<br>Taxable                           | Req. Qty/<br>Unit of Measure | Ship Method | Unit Price | Extended<br>Price |
|-----------|--|--------------------------|--|------------------------------|-------------|------------|-------------------|
| 1         | D4105-1P                                       | Strap                    | 9/15/10<br>Yes                                 | 25.00<br>Each                | Dart Truck  | \$5.7500   | \$143.75          |
|           |  | Special Inst:            | AS PER DWG D4105 REV. <del>A</del> B<br>B61816 |                              |             |            |                   |
| 2         | 61816  | D4105-1 SET-UP<br>CHARGE | 9/15/10<br>Yes                                 | 1.00                         | Dart Truck  | \$250.0000 | \$250.00          |
|           |  | Special Inst:            | SET UP CHARGE 250.00\$                         |                              |             |            |                   |
| PO Total: |  |                          |  |                              |             |            | \$393.75          |

CERTIFICATE OF CONFORMITY  
REQ'D UPON DELIVERY

CL

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 2

Change Date: 9/13/10



# PACKING SLIP

# TULMAR

# COPY

Packing Slip No.

**37241**

Ship Date

28-Sep-10

Tulmar Safety Systems Inc.  
1123 Cameron Street  
Hawkesbury, ON K6A 2B8 CA  
Tel: 613-632-1282  
Fax: 613-632-2030  
MID : XOTULSAF1123HAW  
email: info@tulmar.com

Bill To:

**Dart Aerospace**  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7. Canada

Ship to:

**Dart Aerospace**  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7. Canada

|              |                  |                |                        |
|--------------|------------------|----------------|------------------------|
| Order number | Sales order date | Account number | Account manager        |
| 25354        | 27-Sep-10        | CDART100       | Barney Bangs           |
| PO number    | Ship Via         | Shipping Terms |                        |
| PO12523      | Pick-Up          | FOB ORIGIN     |                        |
| Item No.     | Quantity ordered | UOM            | Qty Shipped/Returned   |
| Description  |                  |                | Quantity on back order |

85079-001

Strap/

Drawing No: D4105-1

DWG Rev: B

Lot No: BATCH0000000001 Qty: 25

25

EA

25

*25/09/10*

SET-UP OMO

1

EA

1

Eng Set-up, Other Mfg/

To cover cost of set-up charge

Shipper

*[Signature]*

Date:

**SEP 28 2010**

## Certificate of Conformance

☐ Not Applicable

☐ See Certification Enclosed

I hereby certify that the items listed hereon have been inspected, and / or tested (as applicable), conform to all specifications and requirements detailed in the contract or purchase order. Objective evidence to support this statement is on file, and can be made available upon request.

If any questions or concerns, please contact QA Manager @ 613-632-1282 ext. 245.

Authorized Inspector

*Renaire LeLiberte*

Date:

*Sept. 28/10*

B A L L Y   R I B B O N   M I L L S

Qualified Lab  
List No. 1935  
(610)-845-2211

23 N. 7th Street  
Bally, PA 19503

03/29/10

|                                   |  |             |             |
|-----------------------------------|--|-------------|-------------|
| Customer                          | TULMAR SAFETY SYSTEMS  | Shipment    |             |
| Purchase Order No.                | 17462-00   | Shipped Via | UPS COLLECT |
| Specifications                    | MIL-W-4088K CLASS 1 TYPE XVII<br>COLOR CHIP #37030 TSS 2262B | Memo No.    | 346447      |
| Contract No.                      | UV, MOULD, FUNGUS RESISTANT<br>LOT #9A1680 02/10             | Quantity    | 620 YD      |
| BALLY RIBBON MILLS<br>Pattern No. | 8941-1" BLACK NYLON WEBBING                                  |             |             |

*8/10/10/01*

CERTIFICATE OF CONFORMANCE

I certify that this pattern conforms with the physical, chemical, and visual quality of the Military Specifications listed above.

*Jerome Richards*  
\_\_\_\_\_  
JEROME RICHARDS  
QUALITY ASSURANCE MANAGER

*used on TSS 85079-001  
Dwg. # D4105-1*

*TSS 2262B /13*

*(S)*

S4. Color cross reference. The following colors meet the special requirements for safety, highway and camouflage colors.

| Safety Colors (OSHA) | Highway Colors (DOT) | Camouflage Colors       |
|----------------------|----------------------|-------------------------|
| Red -- 11120         | Brown -- 10055       | Green 383 -- 34094      |
| -- 11105             | Red -- 11086         | Brown 383 -- 30051      |
| -- 1140              | -- 11105             | Black -- 37030          |
| Orange -- 12300      | Orange -- 12243      | Tan 686 -- 33446        |
| -- 12246             | Yellow -- 13507      | Dark Green -- 34082     |
| Yellow -- 13591      | -- 13538             | Field Drab -- 33105     |
| -- 13655             | Green -- 14066       | Earth Yellow -- 33245   |
| Green -- 14120       | -- 14109             | Sand -- 33303           |
| -- 14260             | Blue -- 15065        | Aircraft Green -- 34031 |
| Blue -- 15092        | -- 15090             | Aircraft Gray -- 36300  |
| -- 15102             | School Bus           | Dark Sandstone -- 33510 |
| Purple -- 17155      | Yellow -- 13415      | Interior                |
| -- 17142             |                      | Aircraft Black -- 37031 |
| International        |                      |                         |
| Orange -- 12197      |                      |                         |

Note: The chips for camouflage colors shall be used for general color matching purposes only. The specifications for camouflage coatings contain requirements for infrared reflectance which must be met in addition to color. The color cards (chips) for the camouflage colors will contain pigments chosen for their stability and compatibility with the color card coating and, therefore, have different infrared reflectance characteristics than those required for camouflage coatings. Merely matching the color chip for color will not be sufficient to assure product acceptance by the contracting activity. For further information, contact: Commander, U.S. Army Belvoir RDE Center, ATTN: STRBE-VO, Fort Belvoir, VA 22060-5606.

S5. Color chip reproduction. Color chips may not be reproduced without the authorization of General Services Administration. Reproduction of color chips from any source other than the master standard is not authorized. The General Services Administration must approve all color matches made when the color chips are reproduced.

Please insert your company letter head  
& Complete address

PAXAR CANADA  
1920 Clements Road  
Pickering, Ontario L1W-3C1

## Certificate of Compliance

DATE: May 25, 2007  
OUR PROD. NO.: 25KAMSAFE  
CUSTOMER P/O NO.: 12725-00  
CUSTOMER: Tulmar Safety Systems Inc.  
PRODUCT: paper tags on rolls  
QTY. SHIPPED: 1 EA  
LOT NO.: 750893/  
MFG DATE: 03-01-2007  
ROLL NO.:                       
SHELF LIFE: 1 YEAR

We certify that the product,  
Label Kit  
white/Black Ink  
Flame Resistant FMuss 302  
was manufactured, inspected and Conforms to specifications  
applicable to the product.

Signature: Carolyn Chen  
Title: Shipper

INCH-POUND

A-A-59826

03 March 2009

SUPERSEDING

V-T-295E

1 August 1985

## COMMERCIAL ITEM DESCRIPTION

### THREAD, NYLON

The General Services Administration has authorized the use of this commercial item description as a replacement for V-T-295 for all federal agencies.

1. SCOPE. This commercial item description covers nylon thread used for machine and hand-sewing.

2. CLASSIFICATION. The thread shall be of the following Types and Classes. In end item documents where neither Class designation "A" or "B" is indicated, the requirements for Class "A" shall apply.

- 2.1 Type. Type I - Twisted multiple cord, unbonded, soft finish  
Type II - Twisted multiple cord, bonded finish  
Type III - Monocord, bonded finish  
Type IV - Hand-sewing twist, waxed finish  
Type V - Buttonhole twist, hand-sewing (waxed)  
Type VI - Tailoring, twisted multiple cord, soft finish  
Type VII - Quilting thread, coreless cocoon bobbins and top thread, twisted multiple cord, soft finish

- 2.2 Class. Class A - General purpose  
Class B - Non-wicking (Type I or II)

8 10/10/01

3. SALIENT CHARACTERISTICS. The thread shall be bright, high tenacity continuous multifilament nylon. The nylon shall be a polyamide prepared from hexamethylene diamine and adipic acid or its derivatives. The thread shall have a melting point of not less than 472°F and conform to the applicable requirements specified in Tables I through X. Types II and III threads shall be bonded with a colorless nylon polymer agent.

Comments, suggestions, or questions on this document should be addressed to: Defense Supply Center Philadelphia, Clothing and Textiles Directorate, Attn: DSCP Standardization Team, 700 Robbins Avenue, Philadelphia, PA 19111-5096. Since contact information can change, you may want to verify the currency of the address information using Acquisition Streamlining and Standardization Information System (ASSIST) online database at <http://assist.daps.dla.mil>.



**American & Efird Inc.**  
**Post Office Box - 507**  
**Mount Holly, NC -28120**

### Test Report

Date : 9/17/2010

Mfg. Date : 3/27/2010

Lot Id : 705150

Quantity: 43

Product : Tex 90 BONDED 'Z' NYLON FILAMENT Black AA 63002 16 OZ

Specification : A-A-59826 TPII CLA F BT92N4

Customer Order Number : 17499-00

Plys (Visual) : 4

Customer : Tulmar Safety Inc.

Twist Direction : Z

Shipped To : Tulmar Safety Inc.

A&E Color : 63002 Black  
AA

Description : Bright, Continuous Multifilament Nylon, Melting Point >472F; Colorless Nylon Polymer Bond;  
Polypropylene Spools

| Characteristic           | Test1 | Test2 | Test3 | Test4 | Test5 | Average | Minimum | Maximum |
|--------------------------|-------|-------|-------|-------|-------|---------|---------|---------|
| Strength #1 (Pound)      | 15.2  | 15.7  | 15.6  | 15.7  | 15.8  | 15.619  |         |         |
| Strength #2 (Pound)      | 15.4  | 15.1  | 15.2  | 15.4  | 14.8  | 15.177  |         |         |
| Average Strength (Pound) |       |       |       |       |       | 15.4    | 11.8    |         |

|                              |      |      |      |      |      |        |  |    |
|------------------------------|------|------|------|------|------|--------|--|----|
| Elongation #1 (Percent)      | 20.5 | 22.4 | 21.8 | 22   | 21.8 | 21.722 |  |    |
| Elongation #2 (Percent)      | 22.3 | 21.4 | 21.9 | 22.5 | 21.1 | 21.856 |  |    |
| Average Elongation (Percent) |      |      |      |      |      | 21.8   |  | 26 |

Lube

Pass Pass

|  |      |      |      |      |      |      |  |  |
|--|------|------|------|------|------|------|--|--|
| Twist S #1 (Turns per inch)                    | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 |  |  |
| Twist S #2 (Turns per inch)                    | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 |  |  |
| Average Twist S (Turns per inch) Initial Twist |      |      |      |      |      | 12.2 |  |  |

|  |     |     |     |     |     |     |     |  |
|--|-----|-----|-----|-----|-----|-----|-----|--|
| Twist Z #1 (Turns per inch)                  | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 |     |  |
| Twist Z #2 (Turns per inch)                  | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 |     |  |
| Average Twist Z (Turns per inch) Final Twist |     |     |     |     |     | 8.1 | 5.5 |  |

|                             |        |  |        |      |      |  |  |  |
|-----------------------------|--------|--|--------|------|------|--|--|--|
| Yield #1 (Yards/Pound)      | 4211.8 |  | 4211.8 |      |      |  |  |  |
| Yield #2 (Yards/Pound)      | 4114.7 |  | 4114.7 |      |      |  |  |  |
| Average Yield (Yards/Pound) |        |  | 4163.2 | 3601 | 5200 |  |  |  |

|                                 |   |  |   |   |  |  |  |  |
|---------------------------------|---|--|---|---|--|--|--|--|
| Laundry #1 (Grading Scale)      | 5 |  | 5 |   |  |  |  |  |
| Laundry #2 (Grading Scale)      | 5 |  | 5 |   |  |  |  |  |
| Average Laundry (Grading Scale) |   |  | 5 | 3 |  |  |  |  |

sedon TSS 85079-001  
 reg. # D 4105-1

TSS #2530/48

|   |   |   |     |
|---|---|---|-----|
| Dry Cleaning #1 (Grading Scale)                 | 5 | 5 |     |
| Dry Cleaning #2 (Grading Scale)                 | 5 | 5 |     |
| Average Dry Cleaning (Grading Scale)            |   | 5 | 3   |
| Perspiration #1 (Grading Scale)                 | 5 | 5 |     |
| Perspiration #2 (Grading Scale)                 | 5 | 5 |     |
| Average Perspiration (Grading Scale)            |   | 5 | 3   |
| Color Fastness to Light #1 (Grading Scale)      | 5 | 5 |     |
| Color Fastness to Light #2 (Grading Scale)      | 5 | 5 |     |
| Average Color Fastness to Light (Grading Scale) |   | 5 | 3.4 |

I certify that the above test were performed under my supervision and in accordance with the specification test requirements and that the reported test results are true, valid and applicable to the samples tested. I further certify that these samples were the only samples tested from the lot of components identified above.

Signed : *Joseph D. Munday*

Joseph D. Munday  
Testing Director

Note

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